

modifying the visual appearance of the second portion of the first physical surface in accordance with changes in content shown in a second portion of the virtual screen.

16. The computer-readable storage medium of claim **10**, wherein the first virtual object is a virtual assistant that interacts with a user via speech, and wherein the computer system changes the appearance of the virtual assistant in accordance with an mode of operation of the virtual assistant.

17. The computer-readable storage medium of claim **10**, wherein generating the first visual effect includes:

modifying the visual appearance of the first portion of the first physical surface in accordance with simulated reflection of the first virtual object on the first portion of the first physical surface; and

modifying the visual appearance of the second portion of the first physical surface in accordance with simulated reflection of the first virtual object on the second portion of the first physical surface.

18. The computer-readable storage medium of claim **10**, wherein generating the first visual effect includes:

modifying the visual appearance of the first portion of the first physical surface in accordance with simulated shadows cast by the first virtual object on the first portion of the first physical surface; and

modifying the visual appearance of the second portion of the first physical surface in accordance with simulated shadows of the first virtual object on the second portion of the first physical surface.

19. A computer system, comprising:

one or more processors;

a display generation component; and

memory storing one or more programs that are configured for execution by the one or more processors, the one or more programs including instructions for:

displaying, via the display generation component, a three-dimensional scene that includes at least a first virtual object at a first location and a first physical surface at a second location that is separate from the first location, wherein the first virtual object is displayed with a first value for a first display property that corresponds to a first portion of the first virtual object and a second value for the first display property that corresponds to a second portion of the first virtual object, the second value of the first display property being distinct from the first value of the first display property; and

while displaying the three-dimensional scene including the first virtual object and the first physical surface, generating, via the display generation component, a

first visual effect at the second location of the three-dimensional scene, wherein generating the first visual effect includes:

modifying a visual appearance of a first portion of the first physical surface in the three-dimensional scene in accordance with the first value for the first display property that corresponds to the first portion of the first virtual object; and

modifying a visual appearance of a second portion of the first physical surface in the three-dimensional scene in accordance with the second value for the first display property that corresponds to the second portion of the first virtual object, wherein the visual appearance of the first portion of the first physical surface and the visual appearance for the second portion of the first physical surface are modified differently due to differences in the first value and the second value of the first display property in the first and second portions of the first virtual object.

20. The computer system of claim **19**, wherein the one or more programs include instructions for:

detecting changes in appearance of the first virtual object, including value changes of the first display property in the first and second portions of the first virtual object; and

in response to detecting the changes in appearance of the first virtual object, modifying the visual appearance of the first physical surface at different portions of the first physical surface in accordance with the changes in the appearance of the first virtual object, wherein modifying the visual appearance of the first physical surface includes:

modifying the visual appearance of the first portion of the first physical surface in accordance with a first relationship between the first display property and the visual appearance of the first portion of the first physical surface; and

modifying the visual appearance of the second portion of the first physical surface in accordance with the second relationship between the first display property and the visual appearance of the second portion of the first virtual object, wherein the first relationship and the second relationship correspond to different physical characteristics of the first and second portions of the first physical surface.

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